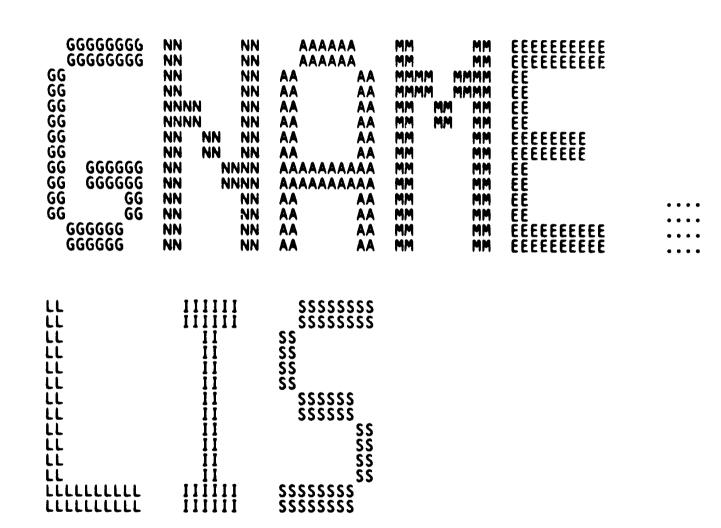
RRRRR	RRRRRRR	UUU	UUU	NNN	NNN	(00000000	FFFFFFFFFFFFF	FFFFFFFFFFFF
RRRRR	RRRRRRR	ŬŬŬ	ŬŬŬ	NNN	NNN		00000000	FFFFFFFFFFFFF	FFFFFFFFFFFF
	RRRRRRR	ŬŬŬ	ŬŬŬ	NNN	NNN		00000000	FFFFFFFFFFFF	FFFFFFFFFFFF
RRR	RRR	ŬŬŬ	ŭŭŭ	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	UUU	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	UUU	NNN	NNN		000	FFF	FFF
RRR	RRR								
		UUU	UUU	NNNNN			000	fff	FFF
RRR	RRR	UUU	UUU	NNNN			000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNN			000	FFF	FFF
	RRRRRRR	UUU	UUU	NNN	NNN NNN		000	FFFFFFFFFF	FFFFFFFFF
	RRRRRRR	UUU	UUU	NNN	NNN NNN		000	FFFFFFFFFF	FFFFFFFFFF
RRRRR	RRRRRRR	UUU	UUU	NNN	NNN NNN	000	000	FFFFFFFFFF	FFFFFFFFFF
RRR	RRR	UUU	UUU	NNN	NNNNN	000	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNNNN	000	000	FFF	FFF
RRR	RRR	ŬŬŪ	ŬŬŬ	NNN	NNNNN		000	FFF	FFF
RRR	RRR	ŬŨŨ	ŬŬŬ	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	ÜÜÜ	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	บับบ	NNN	NNN	000	000	FFF	FFF
RRR	RRR	บับบับบบบบเ		NIN	NNN		00000000	FFF	FFF
RRR	RRR	UUUUUUUU		NNN	NNN		00000000	FFF	FFF
RRR	RRR								
RRR	RKK	UUUUUUUUU		NNN	NNN	·	00000000	FFF	FFF

_\$2

RIN RNO RNO RTY SAV STR STR STR STR

STR STR STR STR STR STR STR STR STR STR



ABSTRACT: Collects letters and digits to construct a name.

ENVIRONMENT: Transportable

39 40

 AUTHOR: R.W.friday CREATION DATE: April, 1978

GSI VO

GNAME VO4-000	GNAME - Get name from input string and convert 16-Sep-1984 00:42:38 VAX-11 Bliss-32 V4.0-742 Page 2 Revision History 14-Sep-1984 13:06:36 DISK\$VMSMASTER:[RUNOFF.SRC]GNAME.BLI;1 (2)
23456789012345678901234567890	0042 1 0043 1 0043 1 0044 1 0045 1 006 REM00006 Ray Marshall 7-Jun-1984 0046 1 Modified previous fix to test for the substitution flag instead 0047 1 of a hard coded dollar sign. 0048 1 005 REM00005 Ray Marshall 6-Jun-1984 0050 1 Modified Ken's fix. Now it checks to see that the first 0051 1 character is a letter or a dollar sign (for DSRPLUS). The 0052 1 other way caused all .IFs and related directives to process 0053 1 anull parameter and can also ACCVID if the user attempted to 0054 1 parameters. This was because a null parameter was causing 0056 1 parameters. This was because a null parameter was causing 0056 1 this routine to return normal. All other places that call 0057 1 this routine test the length of the input string first and 0058 1 know that there is data in it. Only the call from IFIFNE 0050 1 failed. 0061 1 004 KFA00004 Ken Alden 23-Sep-1983 0062 1 For DSRPLUS, removed first character restriction.
66 67 68 69 70	0064 1! 003 RER00003 Ron Randall 07-Mar-1983 0065 1! Global edit of all modules. Updated module names, idents, 0066 1! copyright dates. Changed require files to BLISS library. 0067 1! 0068 1! 0069 1

GS1 V04

; E

```
GNAME
                        GNAME - Get name from input string and convert 16-Sep-1984 00:42:38 Module Level Declarations 14-Sep-1984 13:06:36
                                                                                                                                      VAX-11 Bliss-32 V4.0-742 Page 3 DISK$VMSMASTER:[RUNOFF.SRC]GNAME.BLI;1 (3)
V04-000
                        0070 1 %SBTTL 'Module Level Declarations'
                        0071
     74
75
                        0072 1
0073 1
                                    ! TABLE OF CONTENTS:
     76
77
                        0074
0075
                                 1 ! INCLUDE FILES:
                        0076
0077
     789012345678890
                                 1 LIBRARY 'NXPORT:XPORT';
1 REQUIRE 'REQ:RNODEF';
                                                                                                  ! XPORT Library
                        0078
                                                                                                  ! RUNOFF variant definitions
                   0209 1 XIF
U 0210 1 XIF
U 0211 1 LIBI
0212 1 XELS
0213 1 LIBR
0214 1 XFI
0215 1
0216 1 !
0217 1 ! EXI
0218 1 !
0219 1 EXTER
0220 1 f
                        0209
                                 1 XIF DSRPLUS XTHEN
1 LIBRARY 'REQ:DPLLIB';
                                                                                                  ! DSRPLUS BLISS Library
                                 1 XELSE
                                 1 LIBRARY 'RFQ:DSRLIB':
                                                                                                  ! DSR ELISS Library
                                       EXTERNAL REFERENCES:
                                 1 EXTERNAL
                                          flgt
khar;
                                                             : flgt_definition,
                                                                                                ! Flag characters.
```

0222

```
GT
```

```
GNAME
                  GNAME - Get name from input string and convert
                                                                          16-Sep-1984 00:42:38
14-Sep-1984 13:06:36
                                                                                                      VAX-11 Bliss-32 V4.0-742
V04-000
                  Module Level Declarations
                                                                                                      DISKSVMSMASTER: [RUNOFF.SRC]GNAME.BLI; 1
    96
97
                           GLOBAL ROUTINE GNAME (INPUT_STRING, OUTPUT_STRING) =
    98
    99
                             FUNCTIONAL DESCRIPTION:
   100
   101
                                     GNAME processes an unbroken sequence of letters
   102
                                     and digits, stopping when
                             1) a nonletter or nondigit is found, or 2) the end of the INPUT STRING is reached, or 3) OUTPUT STRING is about to overflow.
All characters accepted are transferred to OUTPUT_STRING.
   104
   105
   106
   107
   1 Č8
                              GNAME also checks to be sure that the first character is
   109
                              indeed a letter in RUNOFF only.
   110
   111
                              FORMAL PARAMETERS:
                  0239
   112
   113
                  0240
                                     INPUT_STRING is where the name is to come from.
   114
                                     The collected string of letters is left in OUTPUT_STRING.
   115
   116
                              IMPLICIT INPUTS:
                                                       None
   117
                  0245
   118
                              IMPLICIT OUTPUTS:
                                                       None
                  0246
   119
   120
                              ROUTINE VALUE:
   121
                  0248
                              COMPLETION CODES:
   122
                  0249
                  0250
                                     See GNCC.REQ for completion codes returned.
   124
   125
                             SIDE EFFECTS:
                                                       None
   126
   127
                  0254
   128
                  0255
                                BEGIN
   129
                  0256
                                MAP
                  0257
   130
                                    output_string : REF fixed_string;
   131
                  0258
                                BIND
   132
                  0259
                                     ira = input_string : REF fixed_string;
   133
                  0260
   134
                  0261
                                FS_INIT (OUTPUT_STRING);
                  0262
0263
   135
   136
                                IF (NOT letter (.khar)
                                                                          ! first character must be a letter.
   137
                U 0264
                           XIF DSRPLUS XTHEN
               U 0265
U 0266
0267
   138
                                                                          ! or a substitution flag character
   139
                                     .khar NEQ .flgt [sub_flag, flag_character]
   140
                           XF1)
   141
                  0268
                                THEN
   142
143
                                    RETURN gname_no_name;
                  0269
                  0270
                                WHILE 1 DO
                  0271
   144
                                    BEGIN
   145
                  0272
                  0273
   146
                                     IF ( NOT LETTER (.KHAR)) AND
   147
                  0274
                                          ( NOT DIGIT (.KHAR))
                                                                                   !Stop on an illegal character
                  0275
   148
                                     THEN
   149
                                         RETURN GNAME_NORMAL;
   150
   151
                  0278
                                         .FS_LENGTH (OUTPUT_STRING) EQL .FS_MAXSIZE (OUTPUT_STRING)
   152
                  0279
                                     THEN
```

	-32 v4.0-742 Page 5 ER:[RUNOFF.SRC]GNAME.BLI;1 (4)
(WHILE (LETTER (.KHAR) OR DIGIT (.KHAR)) DO (KCNS ()); RETURN GNAME_TOO_LONG); !Throw away excess che (KCNS ()); RETURN GNAME_TOO_LONG); !Throw away excess che (KCNS ()); RETURN GNAME_TOO_LONG); !Convert to upper case and output string, !Convert to upper case and output string); !Convert	naracters.
155 0282 3 156 P 0283 3 FS_WCHAR (OUTPUT_STRING, !Convert to upper case and output_157 P 0284 3 (IF_LOWER_LETTER (.KHAR)	utput the character.
158 P 0285 3 THEN	
161 0288 4 KCNS () !Get next character. 162 0289 3 END !end of processing loop. 163 0290 3	
: 164 0291 1 END; !End of GNAME	
.TITLE GNAME GNAME - Get n nvert .IDENT \v04-000\	name from input string and co
.EXTRN FLGT, KHAR, RINTES	
.PSECT \$CODE\$,NOWRT,2	
S5 000000006	0223 0261 0263 0269 0288 0273
04 0007F RET 08 A0 OC A0 D1 00080 8\$: CMPL 12(RO), 8(RO)	0278

v04-000	GNAME - Get name from Module Level Declarat				12	00085	F	1984 13:06 BNEQ MOVL_	15 \$:
		52 53	04 00	AC AC	DÓ 9E DÓ	00087 0008B		MOVL MOVAB	IRA, R2 12(R2), R3	0281
	00000041	52 53 51 8F		AC AS 51 051 10	D 1	0008B 0008F 00092	9\$:	MOVL (MPL	KHAR, R1	0280
	0000005A	8 F		09 51	19 01	00098		BLSS (MPL	R1 #65 10\$ R1, #90	
	00000061	8F		51	15 D1	000A2	10\$:	BLEQ CMPL	R1 #90 12\$ R1 #97 11\$	
	000007A	8F		09 51	19 D1	000A4 000AB 000AD		BLSS CMPL	11 \$ R1, #122	
		30		09 51 0A 51	D1 15 D1	000B6	11\$:	BLEQ CMPL	R1 #122 12\$ R1 #48 14\$	
		39		1D 51	19 D1	000B9		BLSS CMPL	14 \$ R1, #57	
				18 63	14 D5	000BE	12\$:	BGTR TSTL	14 \$ (R3)	0281
		65 63	00G	1D 51 18 63 09 8F 01	14 9A	00002		BGTR MOVZBL	13\$ #RINTES. KHAR	
				01 C2	CE 11	000C8		MNEGL BRB	#1, (R3) 9\$	
		65	04 04	C2 B2 A2 63 B7	9A D6	000CD	13\$:	MOVZBL Incl	â4(R2), KHAR 4(R2)	
				63 B7	D6 D7 11	00001 00004 00006		DECL BRB	(R3)	
		50		03	D0 04	80000 8	145:	MOVL RET	9 \$ #3, R0	
	0000061	51 8F		65 51	D0	000DC 000DF	15\$:	MOVL CMPL	KHAR, R1 R1, #97	0286
	000007A	8F		0¢	19 D1	000E6 000E8		BLSS	R1	
		51		0C 51 03 20 51	47			CMPL BGTR SUBL2	16\$ #32. R1	
	04	BO	04	51 A0	90 06	000F1 000F4 000F8 000FB	16\$:	MOVB INCL	R1, a4(R0) 4(R0)	
			ŎĊ	A0 64		000FB 000FE		INCL TSTL	12(RO) (R4)	0288
		65	006	09	14	00100 00102		BGTR MOVZBL	17\$´ #RINTES, KHAR	
		65 64		01 09		00106 00109		MNEGL BRB	#1 (R4) 18\$	
		65	04 04	B2 A2 64	9Å D6	0010B	17\$:	MOVZBL INCL	à4(R2), KHAR 4(R2)	
				64 F 34	D6 D7 31	00112 00114	185:	DECL BRW	(R4) 4 \$	

165 166 167

.End of module

GNAME GNAME - Get name from input string and convert 16-Sep-1984 00:42:38 VAX-11 Bliss-32 V4.0-742 Page 7 V04-000 Module Level Declarations 14-Sep-1984 13:06:36 DISK\$VMSMASTER:[RUNOFF.SRC]GNAME.BLI;1 (4)

PSECT SUMMARY

Name Bytes Attributes

\$CODE\$ 279 NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	Total	- Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0	0	252	00:00.2
_\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	124 8	24	1	86	00:00.3

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS\$: GNAME/OBJ=OBJ\$: GNAME MSRC\$: GNAME/UPDATE=(ENH\$: GNAME)

Size: 279 code + 0 data bytes Run Time: 00:05.7

Run Time: 00:05.7; Elapsed Time: 00:20.9; Lines/CPU Min: 3073; Lexemes/CPU-Min: 16055; Memory Used: 80 pages; Compilation Complete

0342 AH-BT13A-SE

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